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FIG. 1A

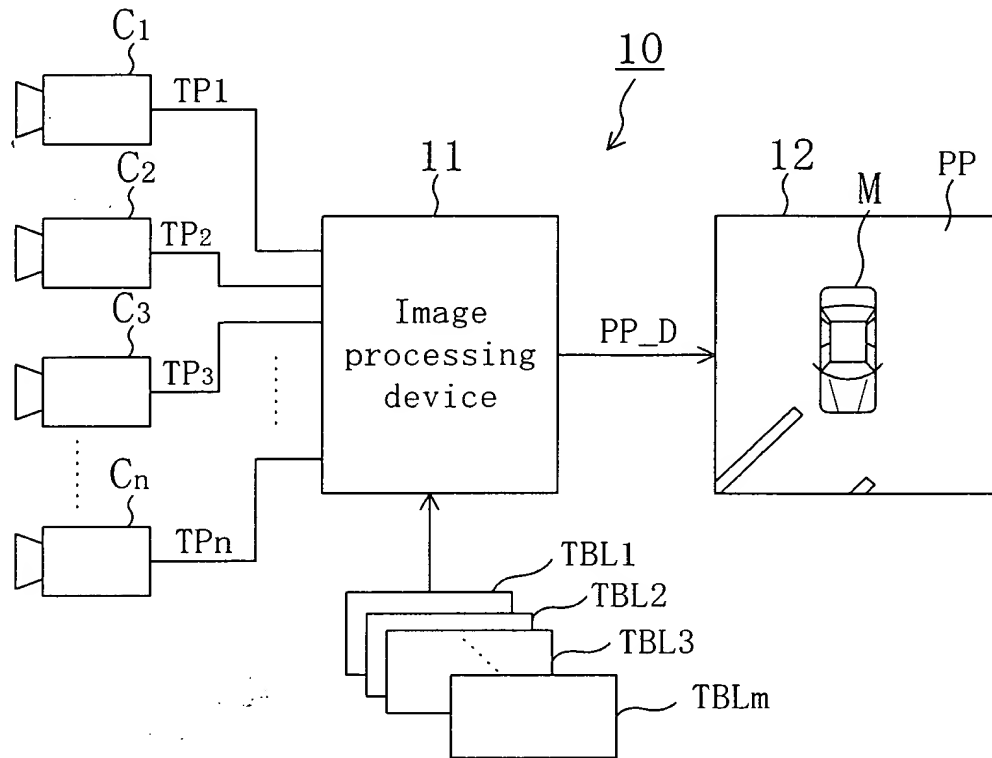
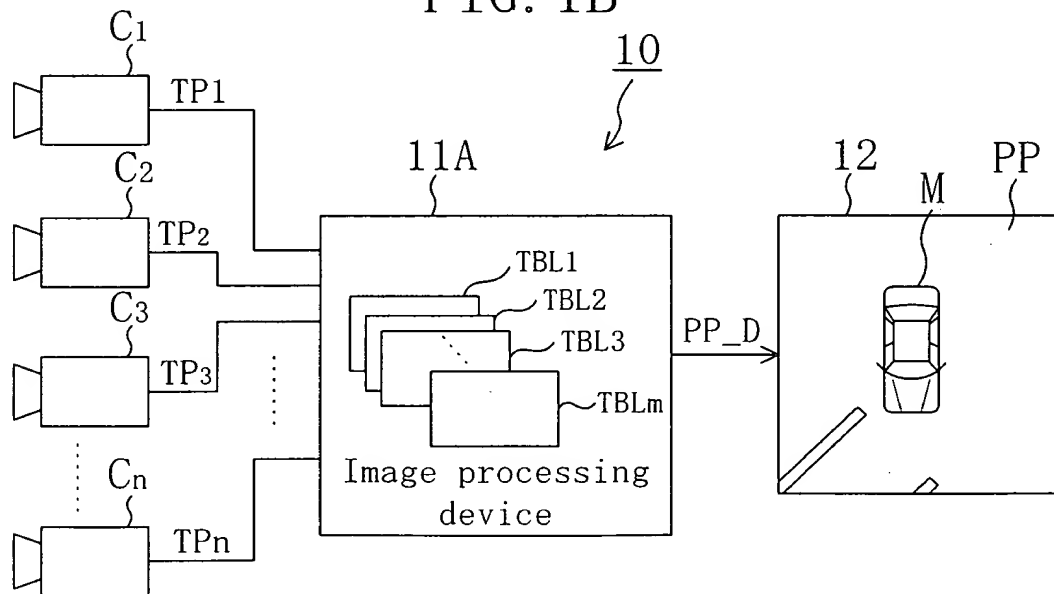
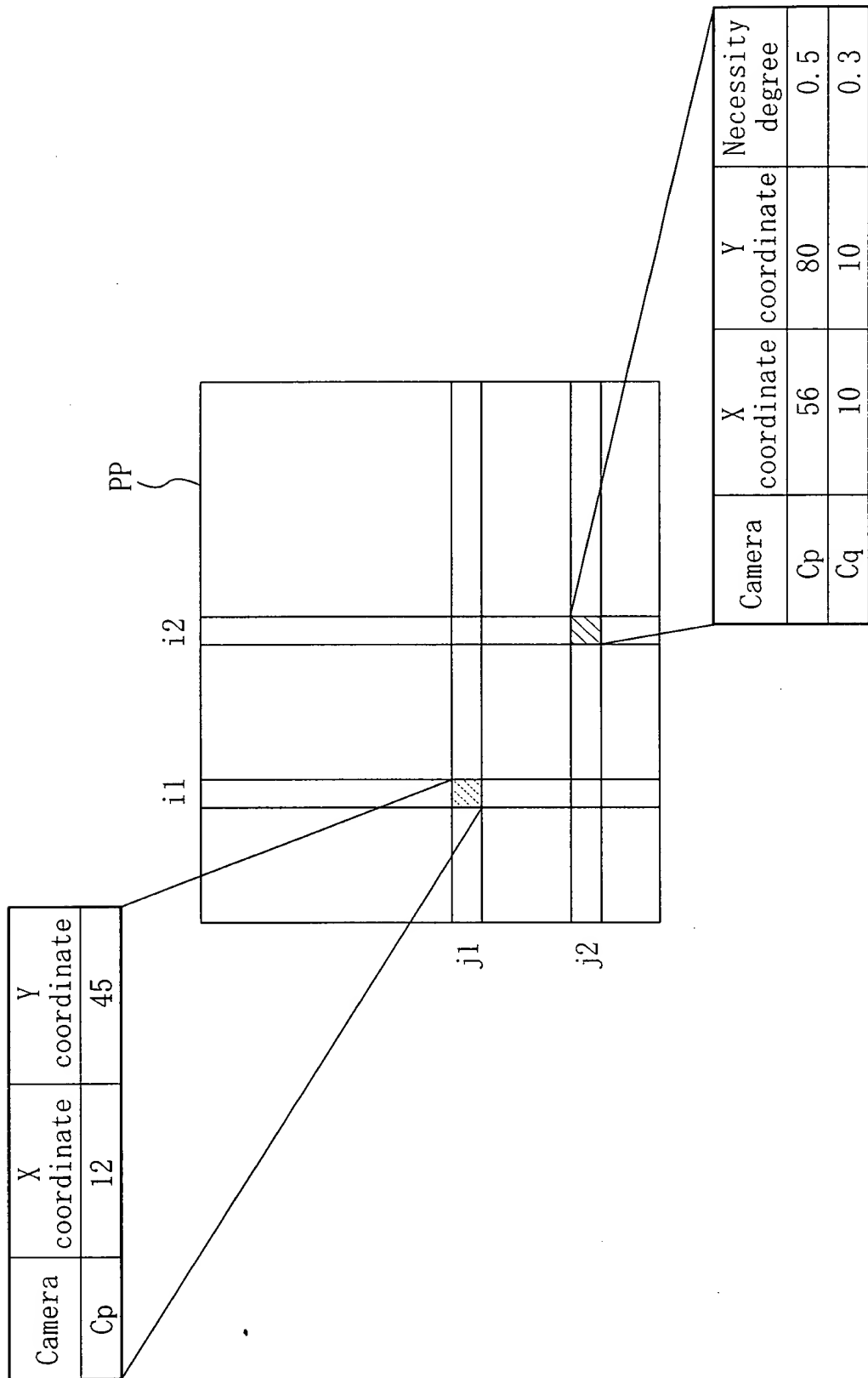


FIG. 1B



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FIG. 2



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FIG. 3

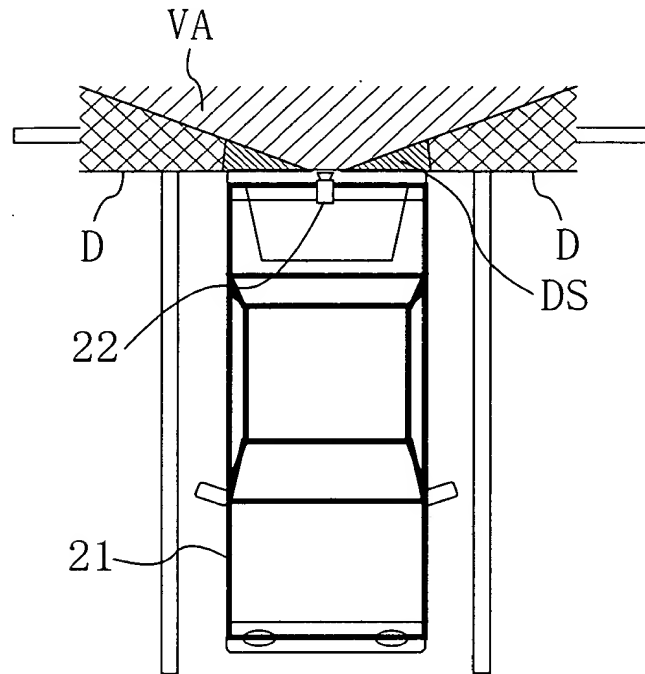
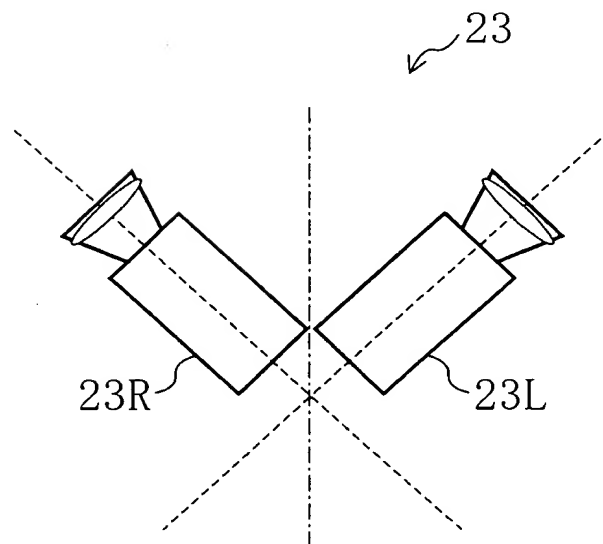
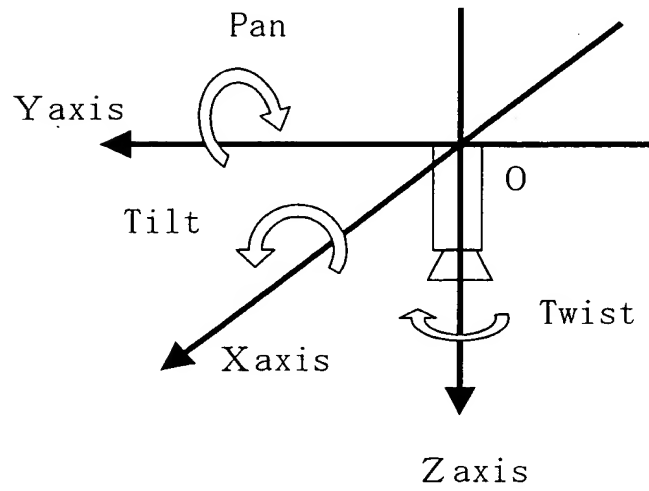


FIG. 4



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FIG. 5



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FIG. 6A Setting of the tilt \otimes ...from the front to the inner part of the camera

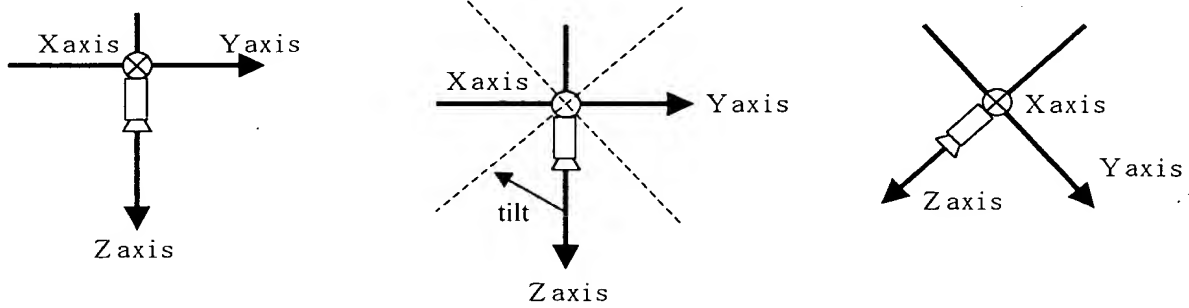


FIG. 6B Setting of the pan of the camera

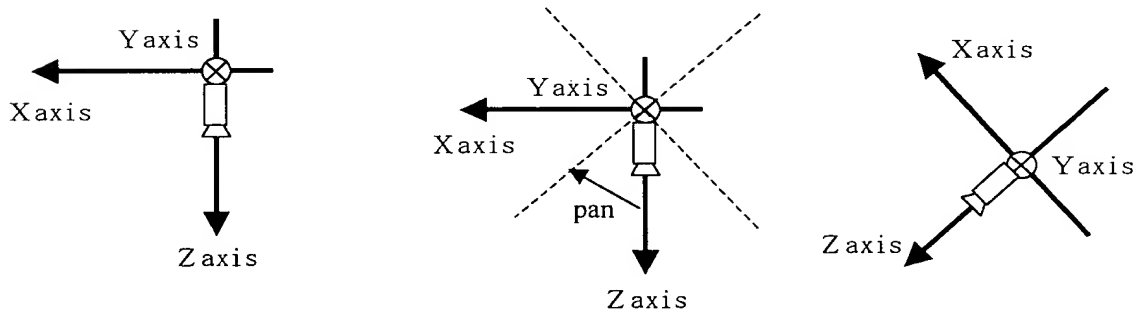
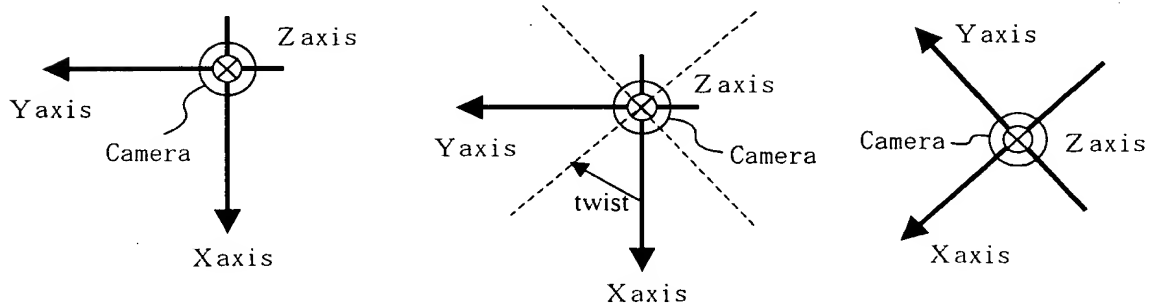
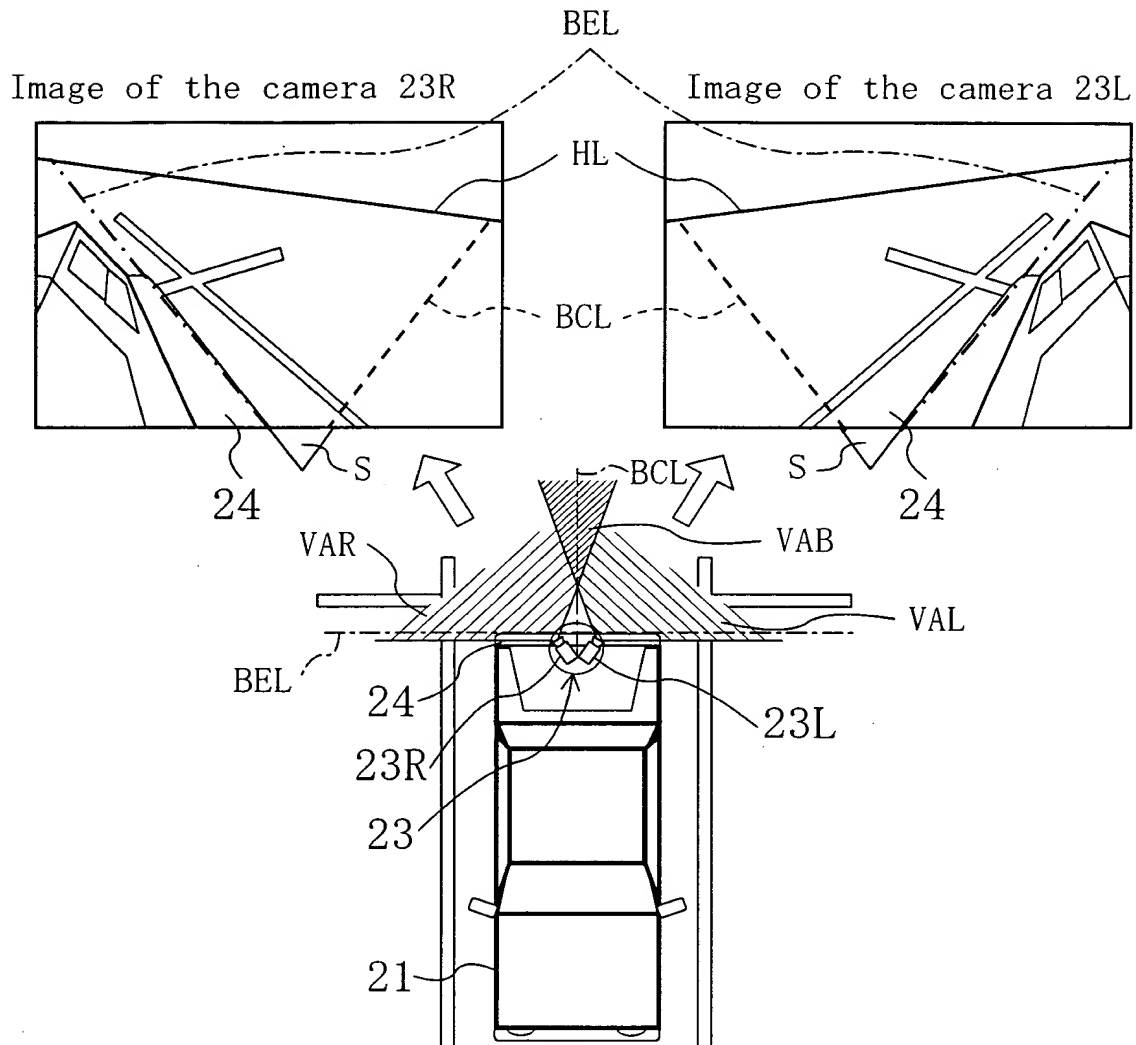


FIG. 6C Setting of the twist around the optical axis of the camera



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FIG. 7



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FIG. 8

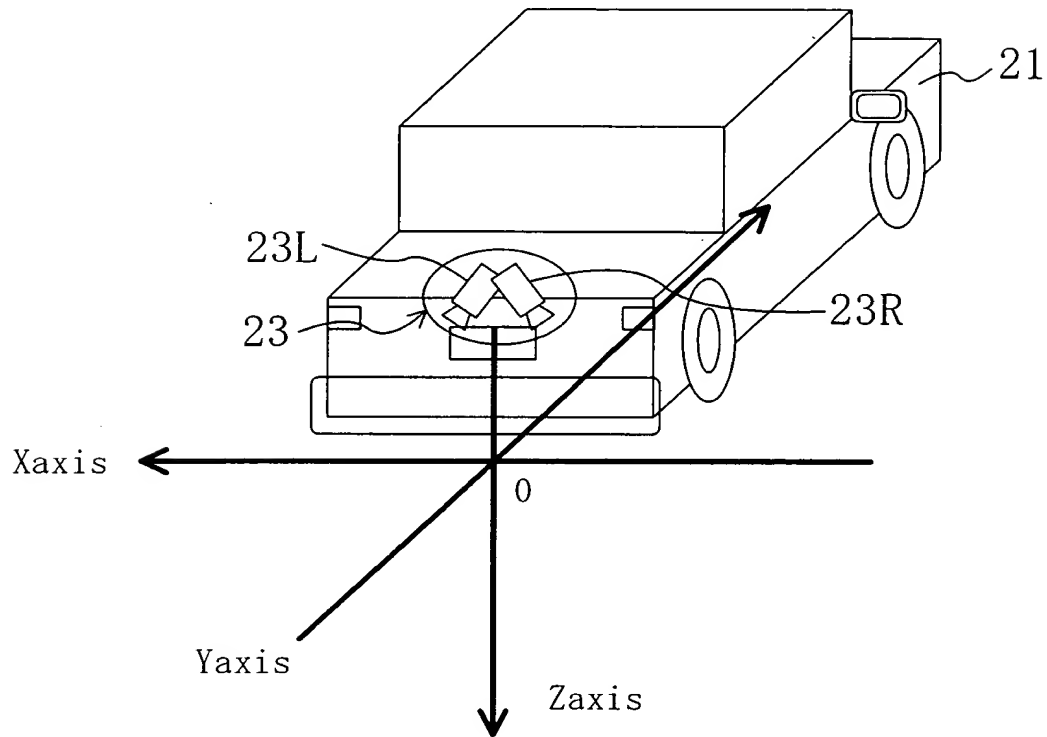
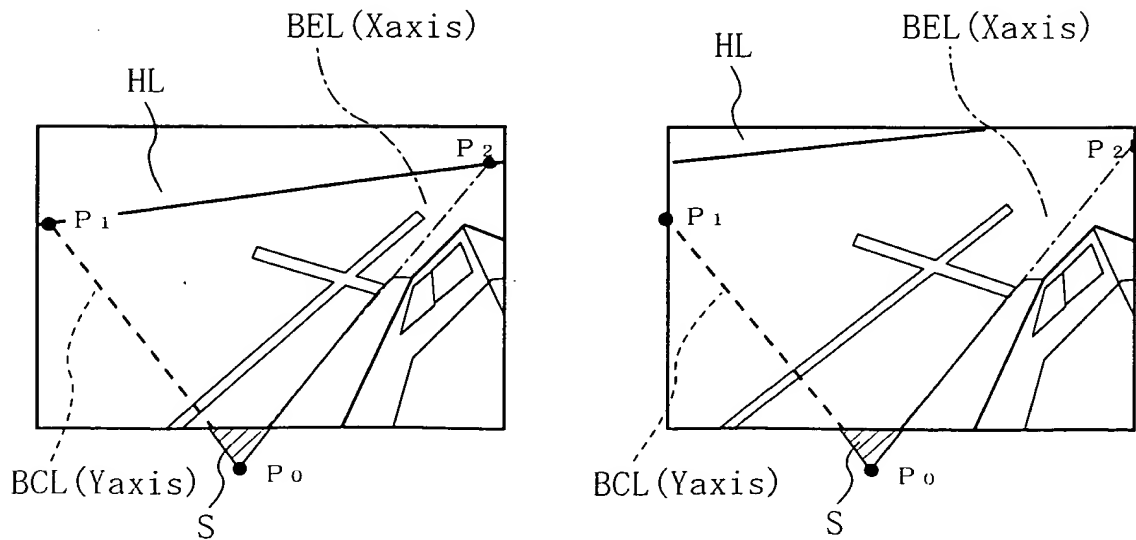


FIG. 9



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FIG. 10A

tilt:37.5°

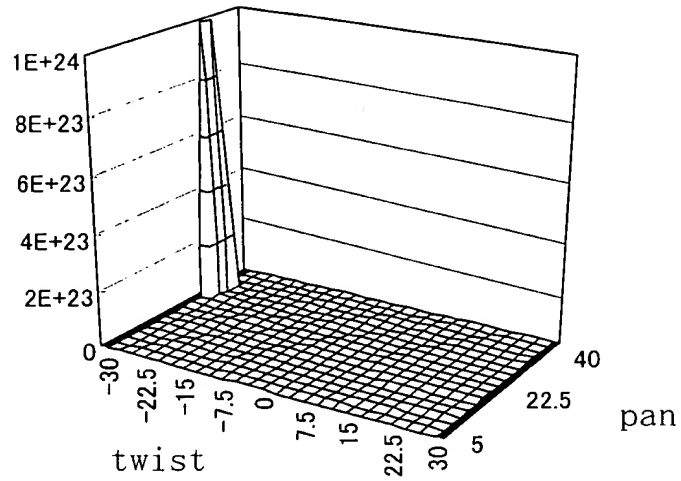


FIG. 10B

tilt:42.5°

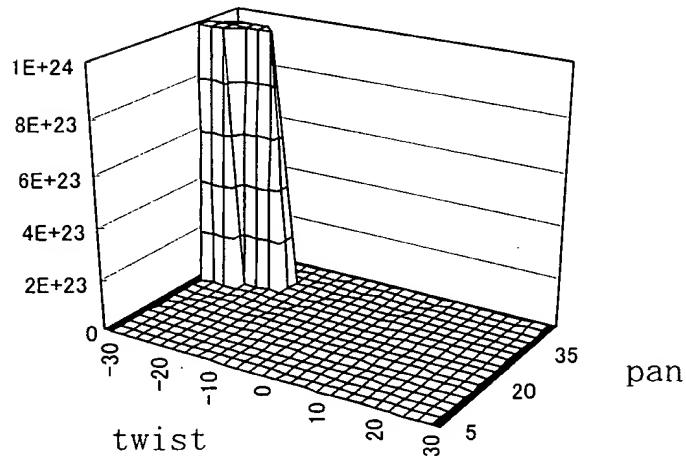
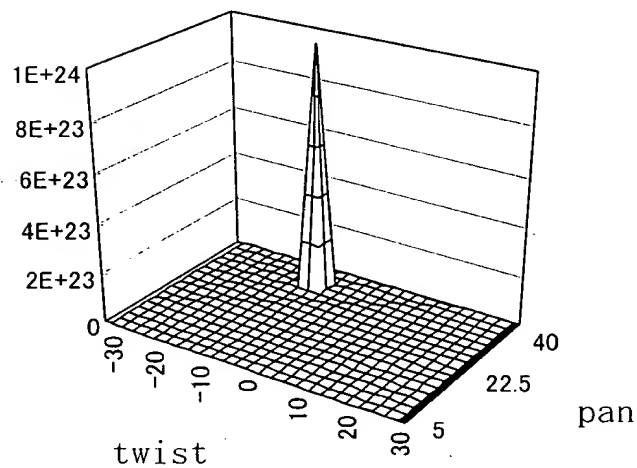


FIG. 10C

tilt:47.5°



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FIG. 11A twist:0°

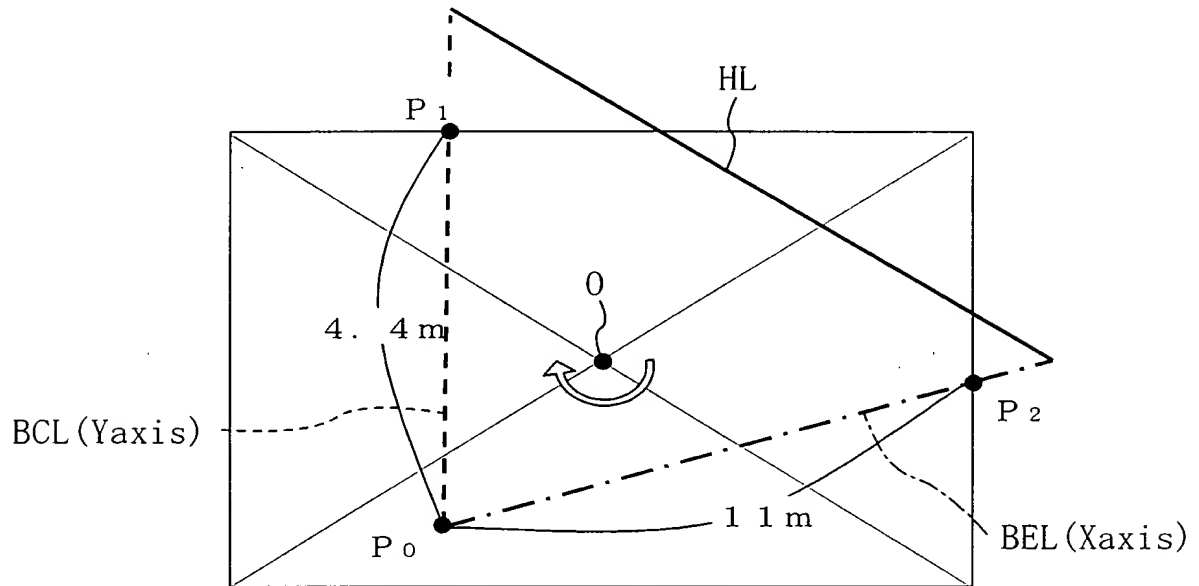
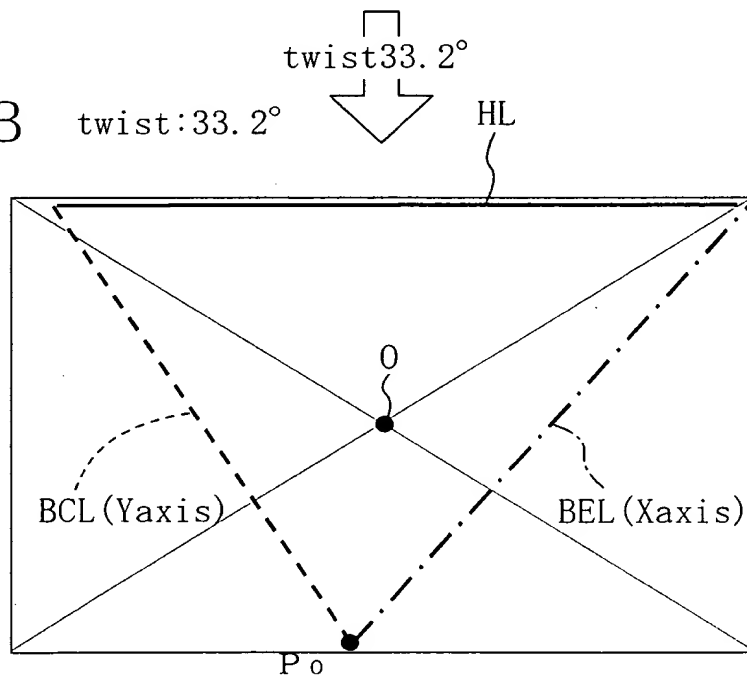
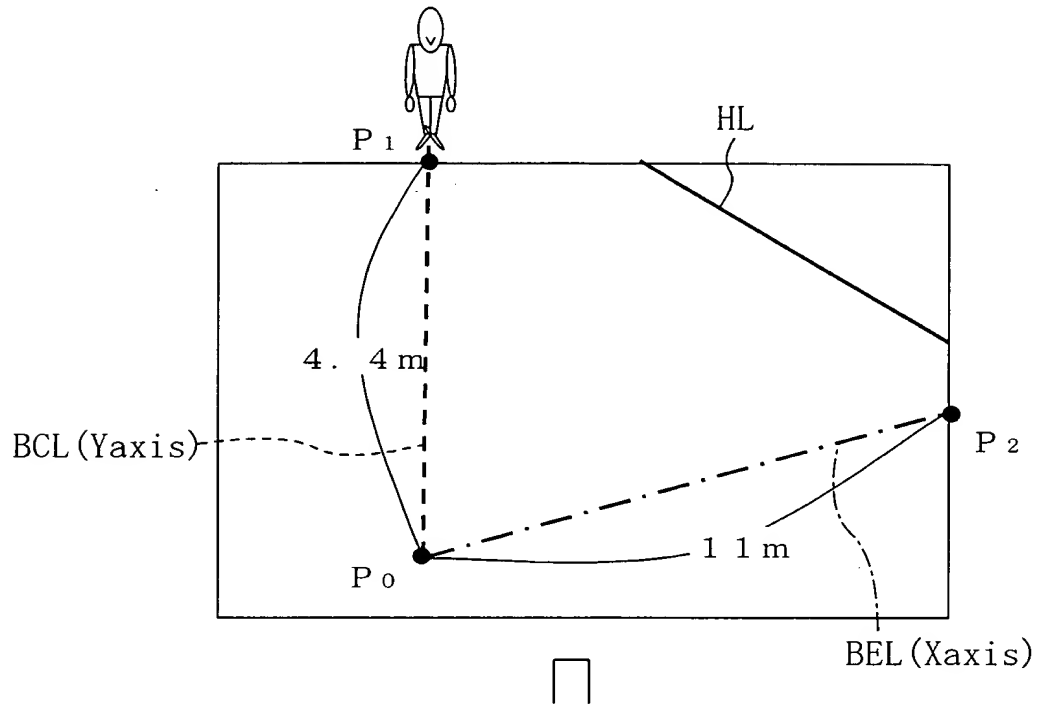


FIG. 11B twist:33.2°



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FIG. 12A twist:0°



Conversion of the virtual visual point image
(viewed from above)

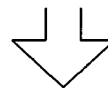
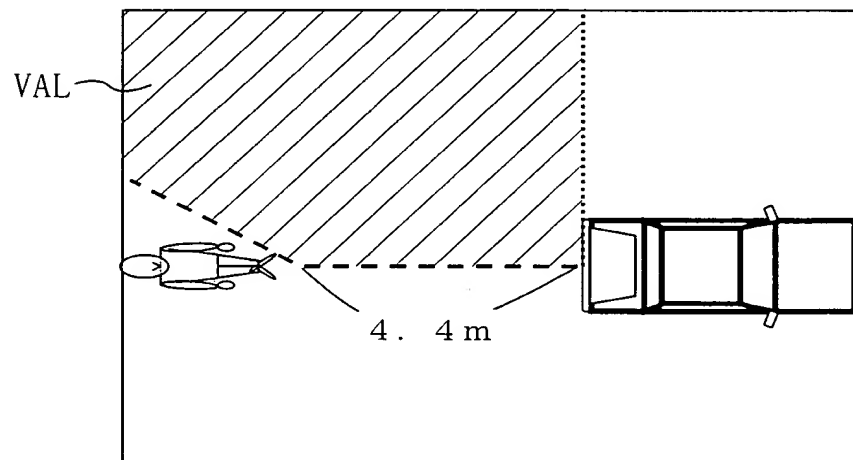
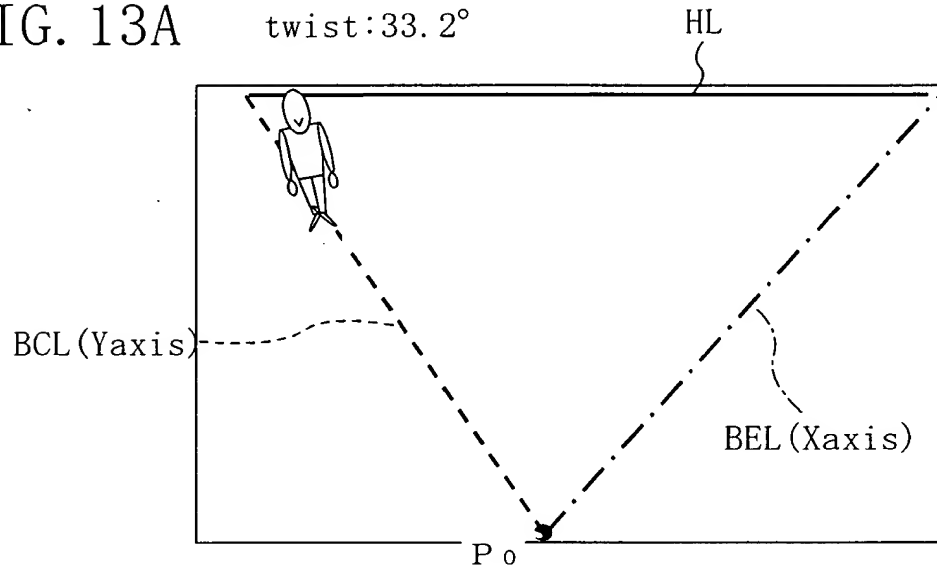


FIG. 12B



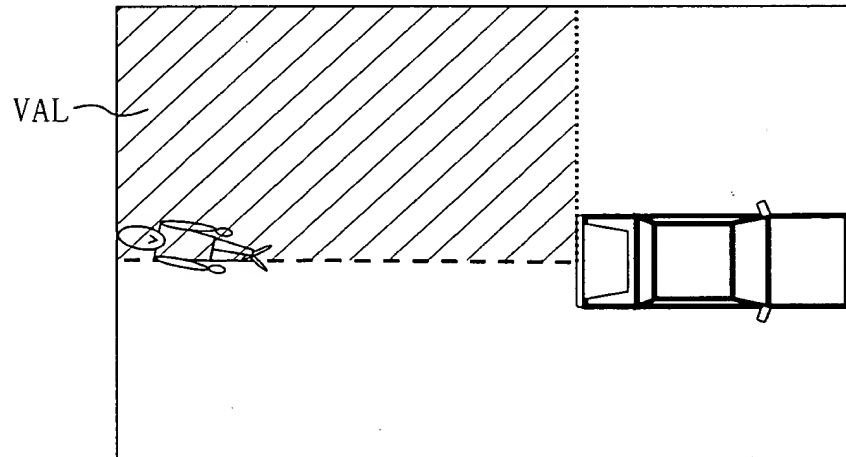
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FIG. 13A



Conversion of the virtual visual point image
(viewed from above)

FIG. 13B



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FIG. 14A

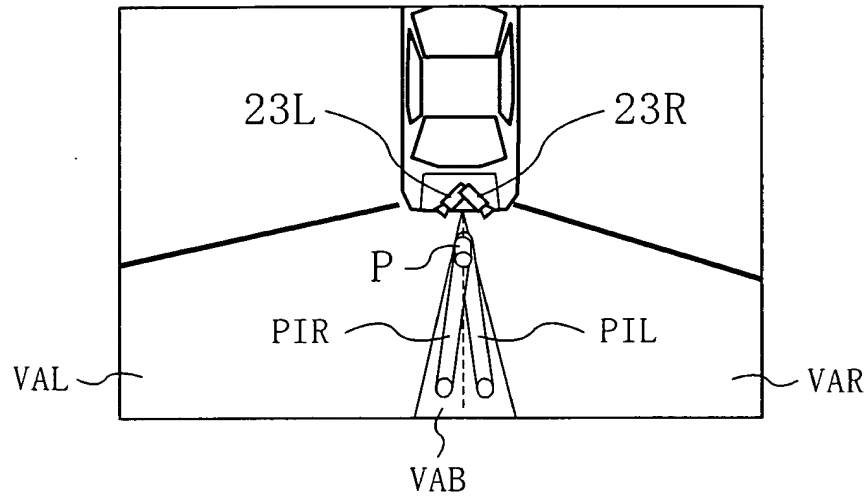
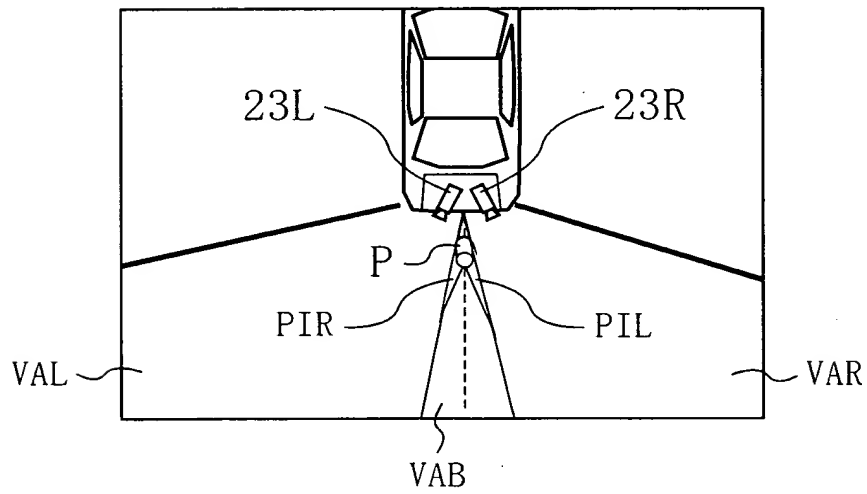


FIG. 14B



A side-view diagram of a vehicle (labeled 1) with a sensor (labeled Tr) mounted on its rear. The sensor's field of view is divided into two regions: RC1 (near range) and RC2 (far range). The sensor also has a dead zone (Dead) and a rear blind point (Rear_Bp). A pedestrian (labeled 2) is shown walking towards the vehicle. The vehicle's front width is labeled Front_w, and the pedestrian's height is labeled Lh. The sensor's field of view is also labeled C1, C2.

FIG. 16A

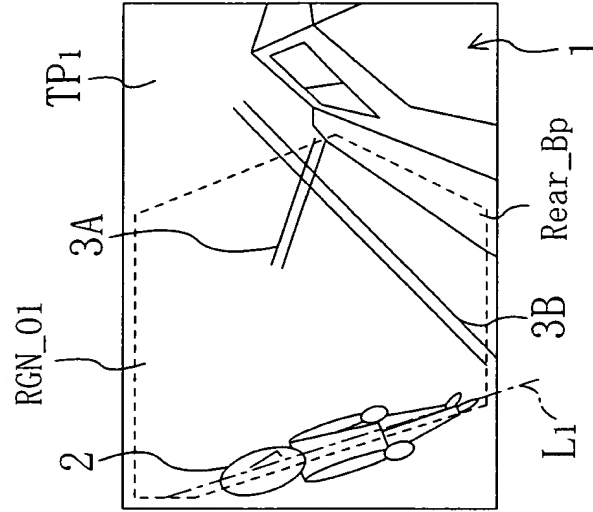
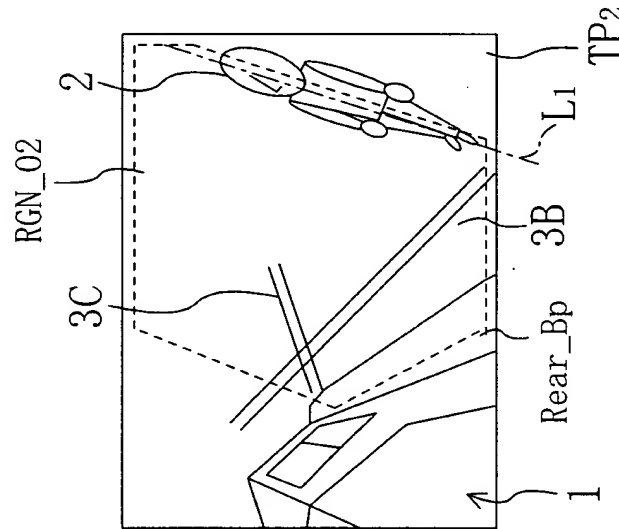


FIG. 16B



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FIG. 17

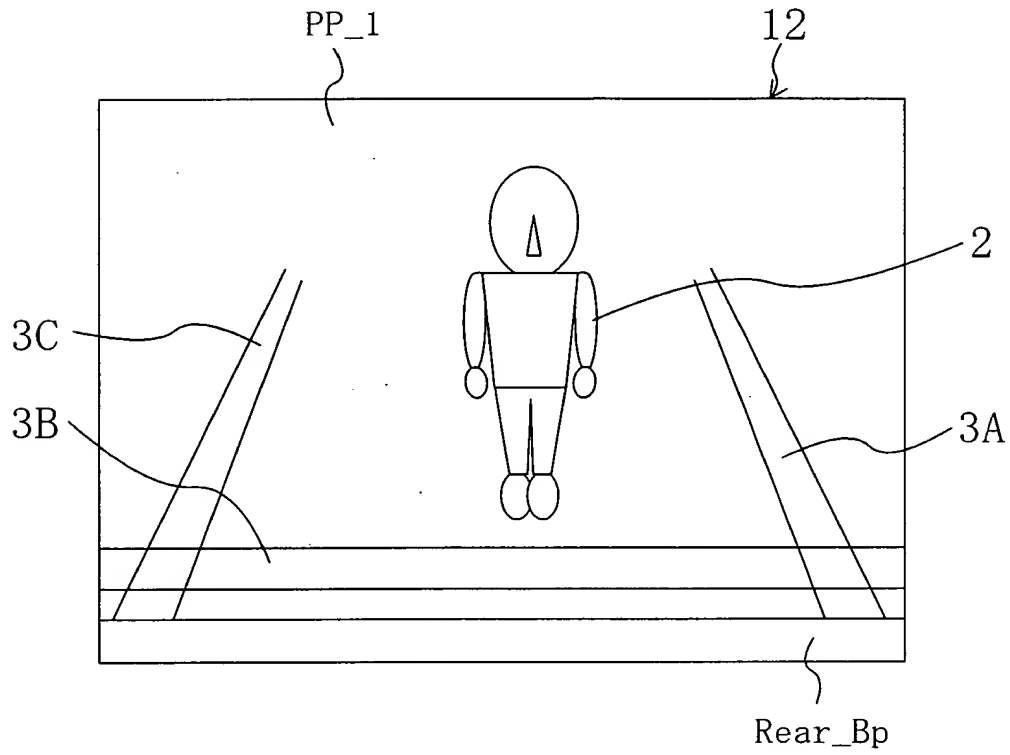


FIG. 18A

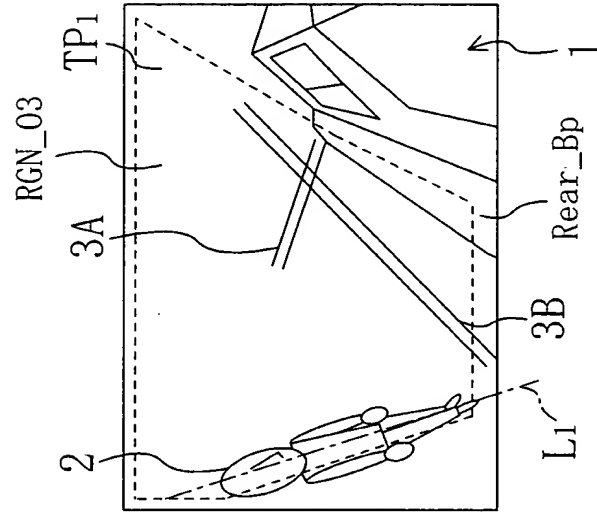
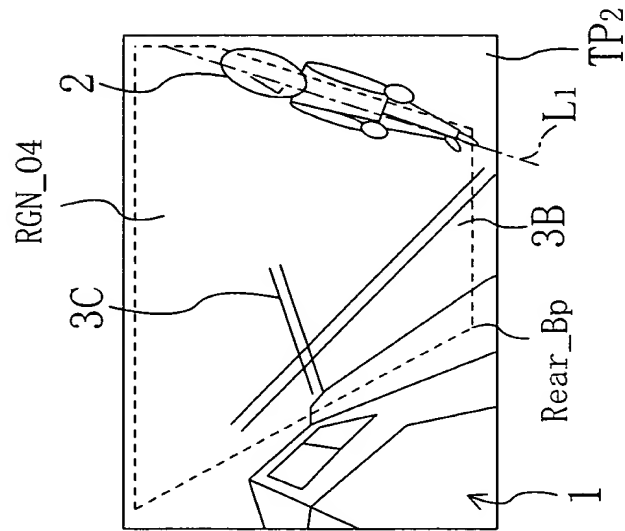
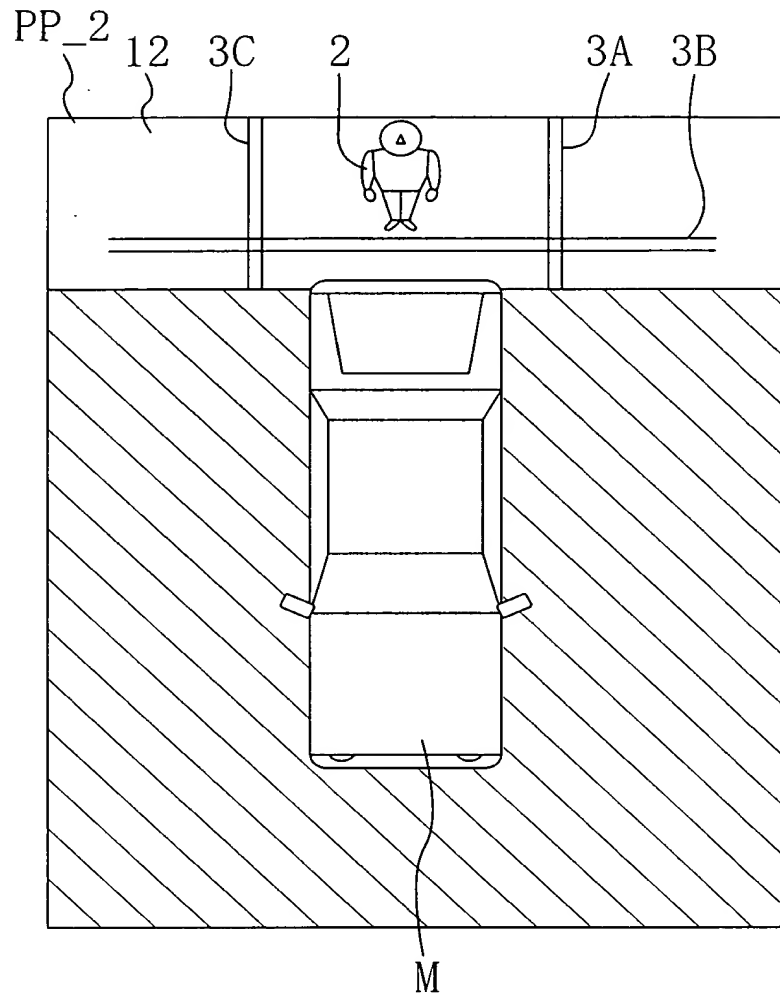


FIG. 18B



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FIG. 19



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FIG. 20A

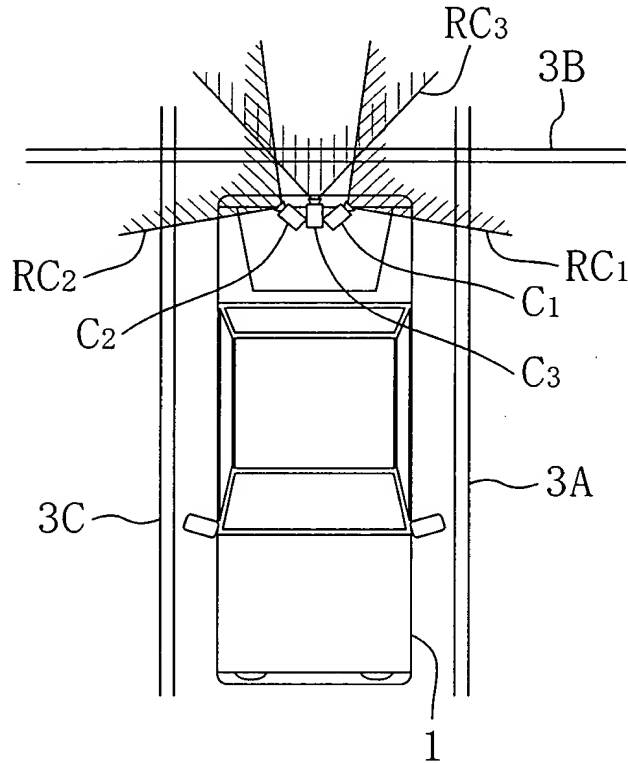
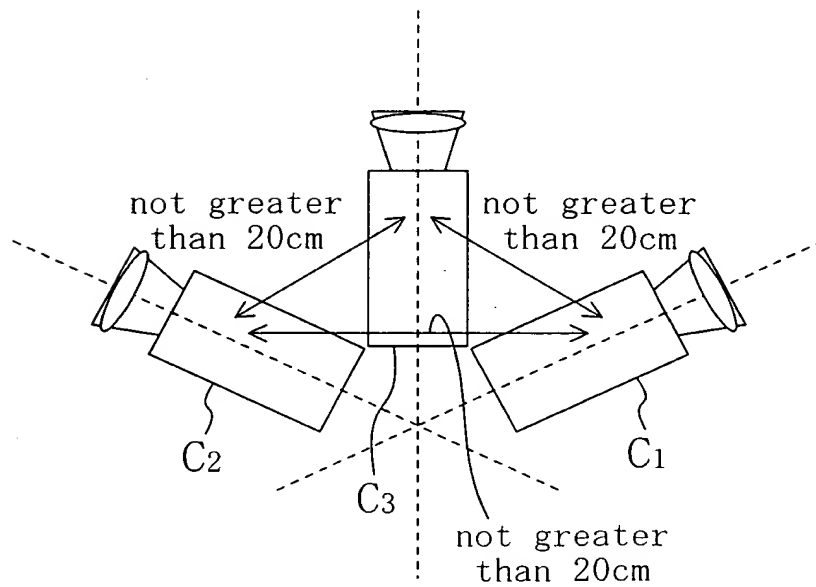


FIG. 20B



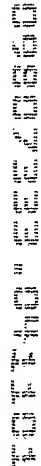


FIG. 22B

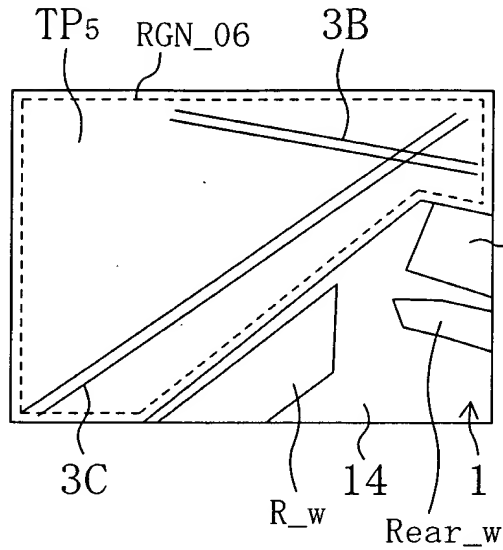


FIG. 22A

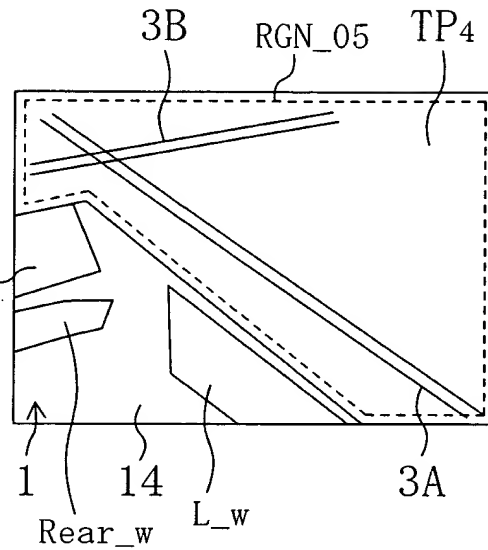


FIG. 22C

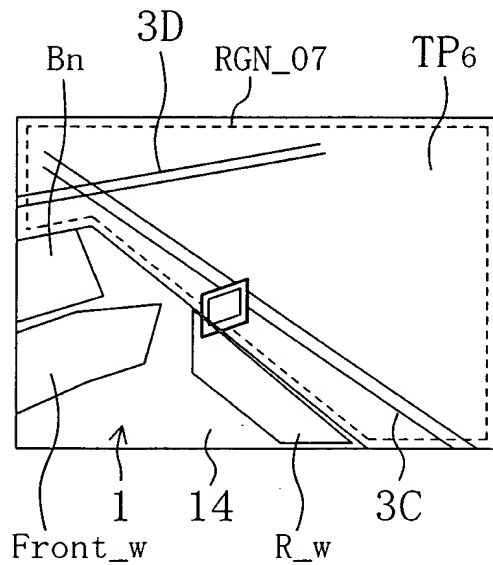
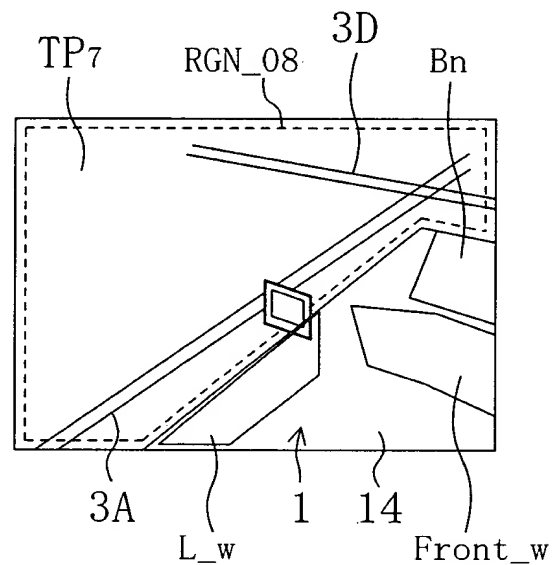
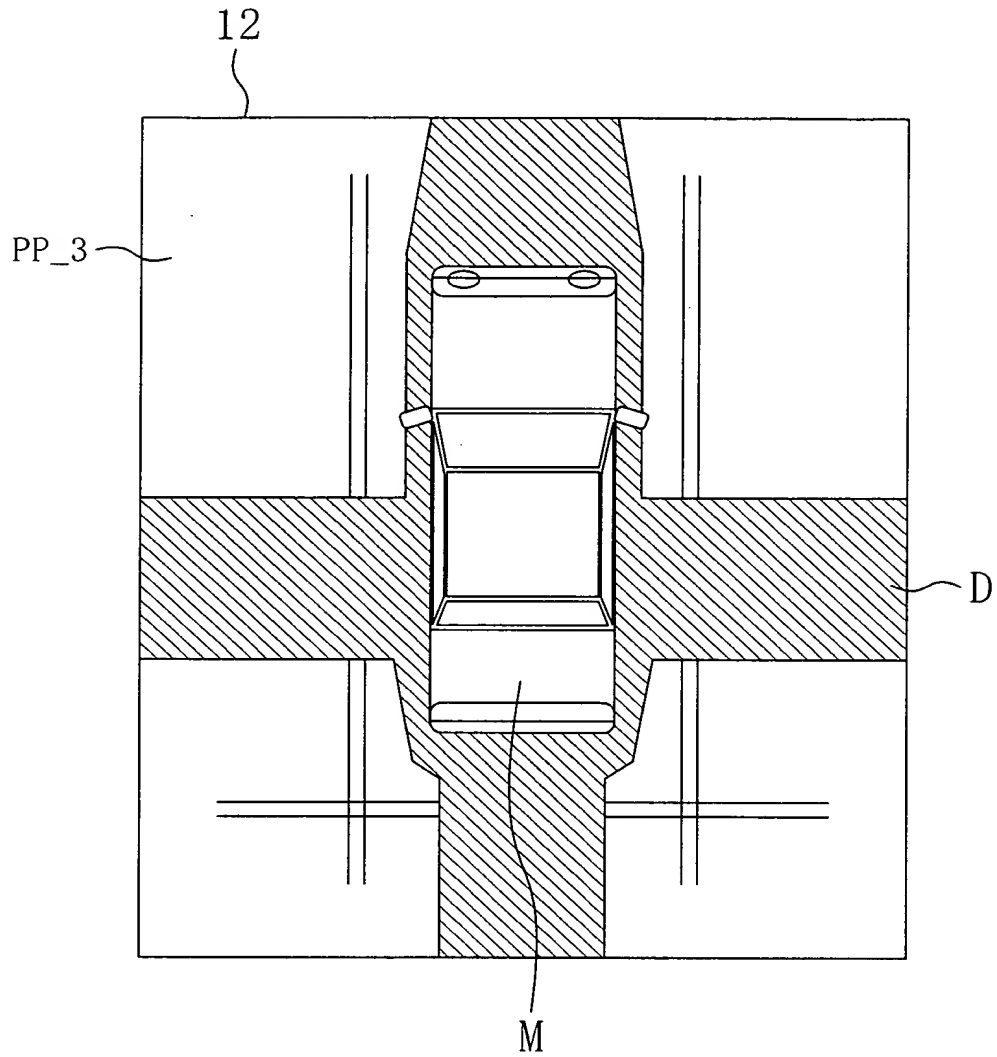


FIG. 22D



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FIG. 23



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FIG. 24

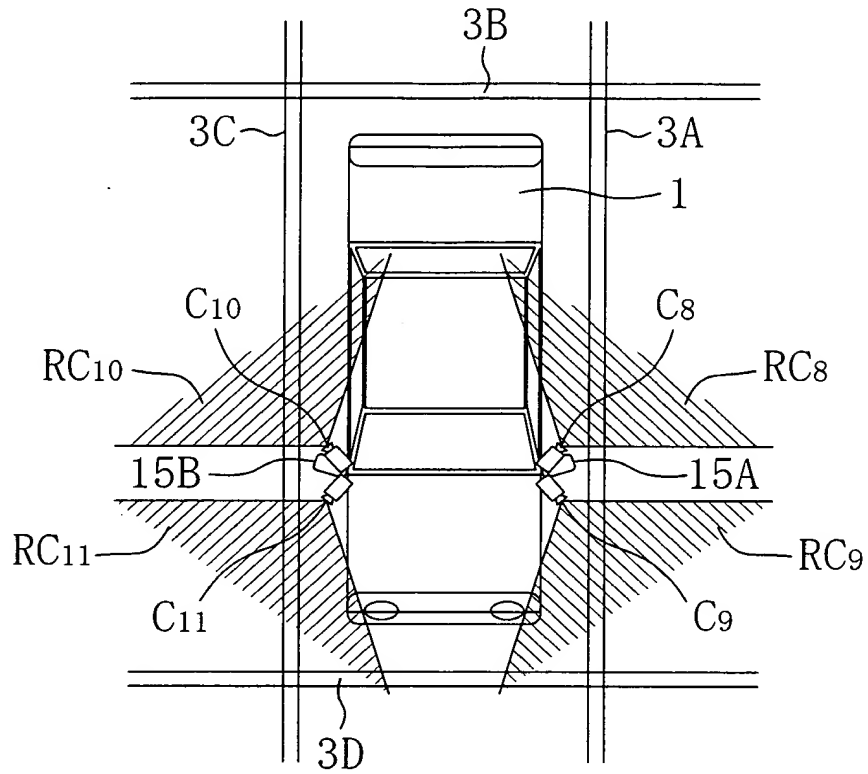


FIG. 24

FIG. 25C

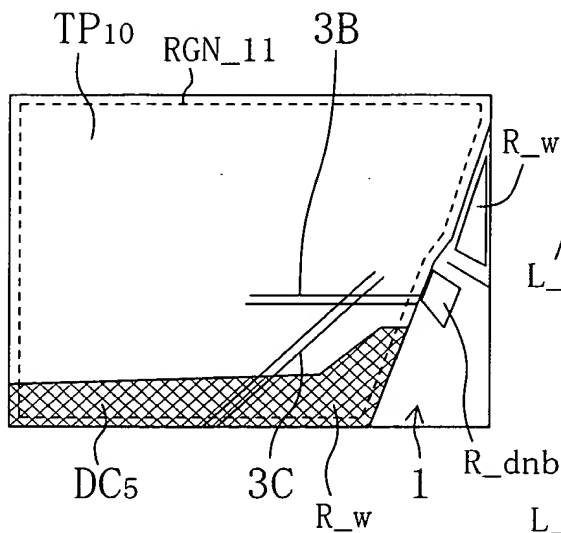


FIG. 25A

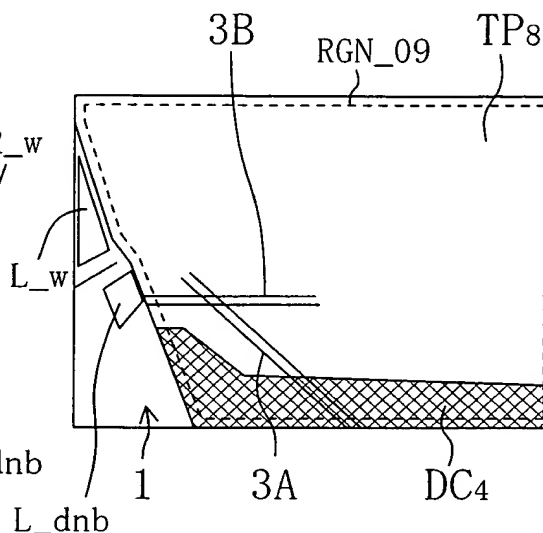


FIG. 25D

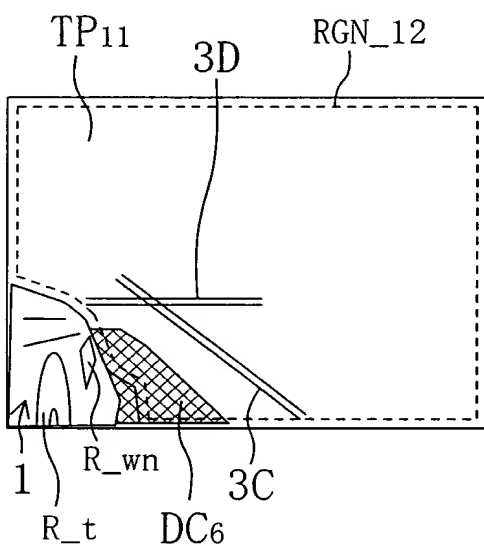
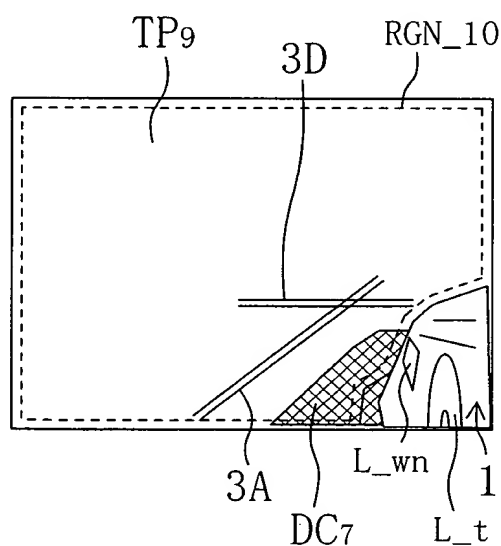
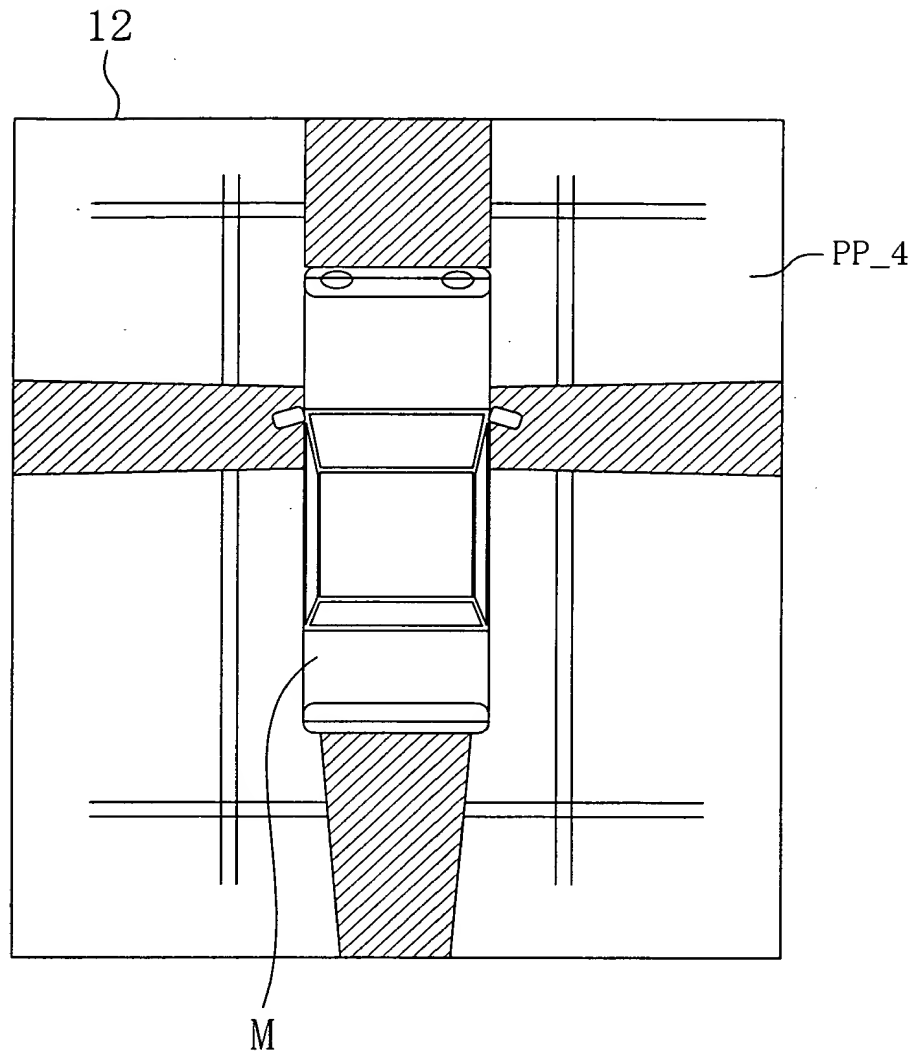


FIG. 25B



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FIG. 26



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FIG. 27A

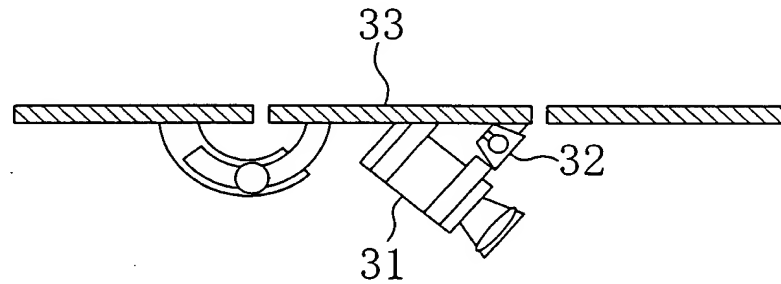


FIG. 27B

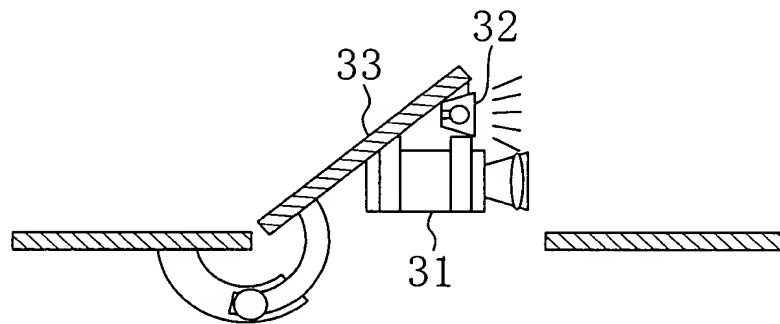


FIG. 27A

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FIG. 28A

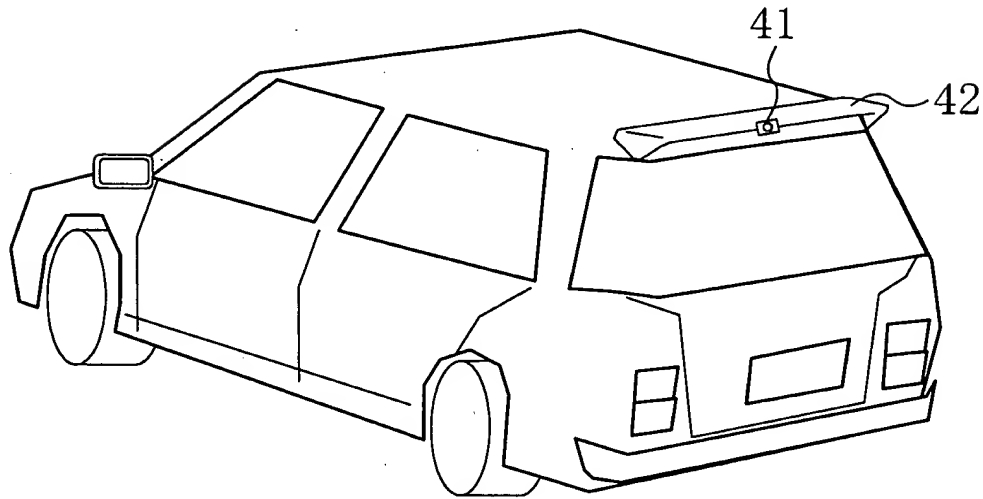


FIG. 28B

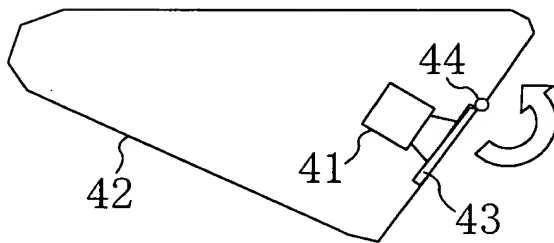


FIG. 28C

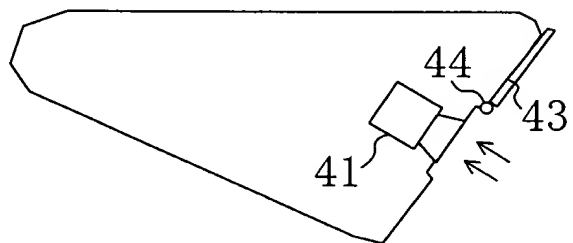


FIG. 28D

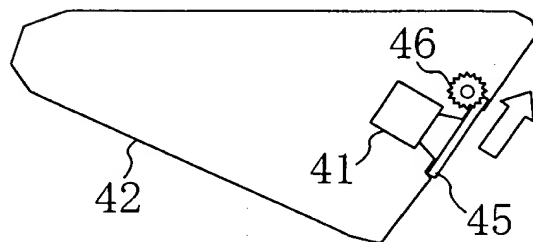
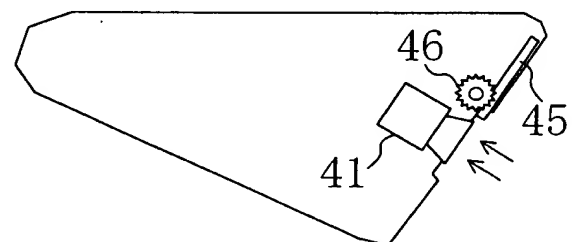


FIG. 28E



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FIG. 29A

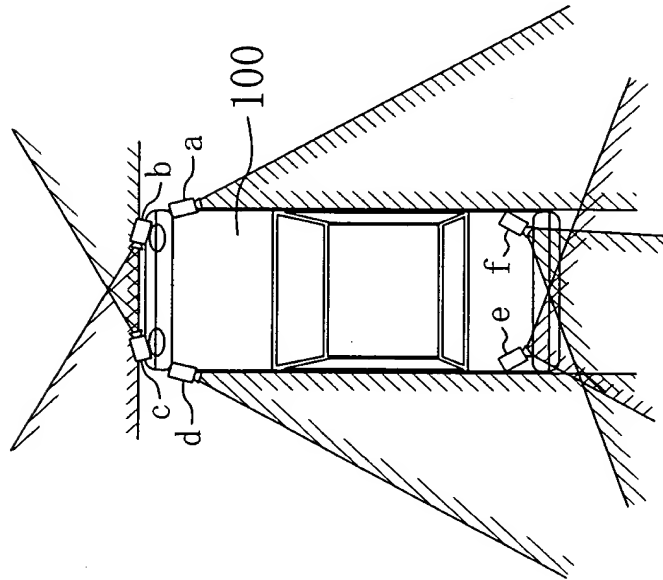


FIG. 29B

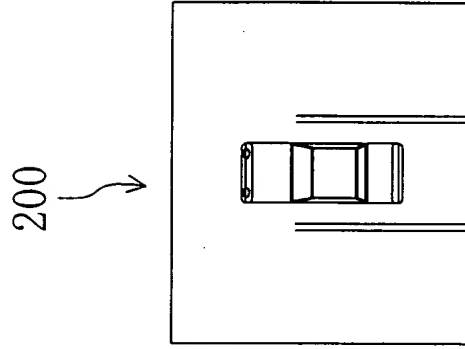


FIG. 29C

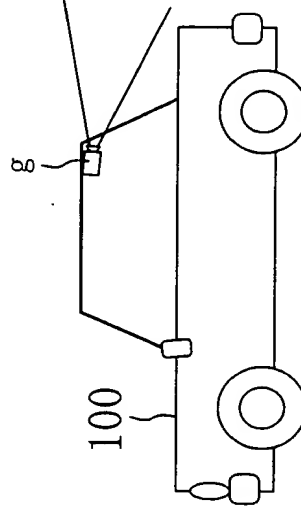


FIG. 29A

FIG. 29B

FIG. 29C